

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number  
**WO 2005/018119 A1**

(51) International Patent Classification<sup>7</sup>: **H04H 1/00**

(21) International Application Number:  
PCT/US2003/021727

(22) International Filing Date: 14 July 2003 (14.07.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **THOMSON LICENSING S.A.** [FR/FR]; 46 Quai A. Le Gallo, F-92648 Boulogne (FR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BICHOT, Guillaume** [FR/US]; 42 Maidenhead Road, Princeton, NJ 08540 (US). **RAMASWAMY, Kumar** [IN/US]; 71 Sayre Drive, Princeton, NJ 08540 (US). **ZHANG, Junblao** [CN/US]; 20 Jenna Drive, Bridgewater, NJ 08807 (US). **WANG, Charles, Chuanming** [US/US]; 1504 Spearmint Circle, Jamison, PA 18929 (US).

(74) Agents: **TRIPOLI, Joseph, S. et al.**; Thomson Licensing, Inc., 2 Independence Way, Suite 2, Princeton, NJ 08543 (US).

(81) Designated States (*national*): AE, AG, AI, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

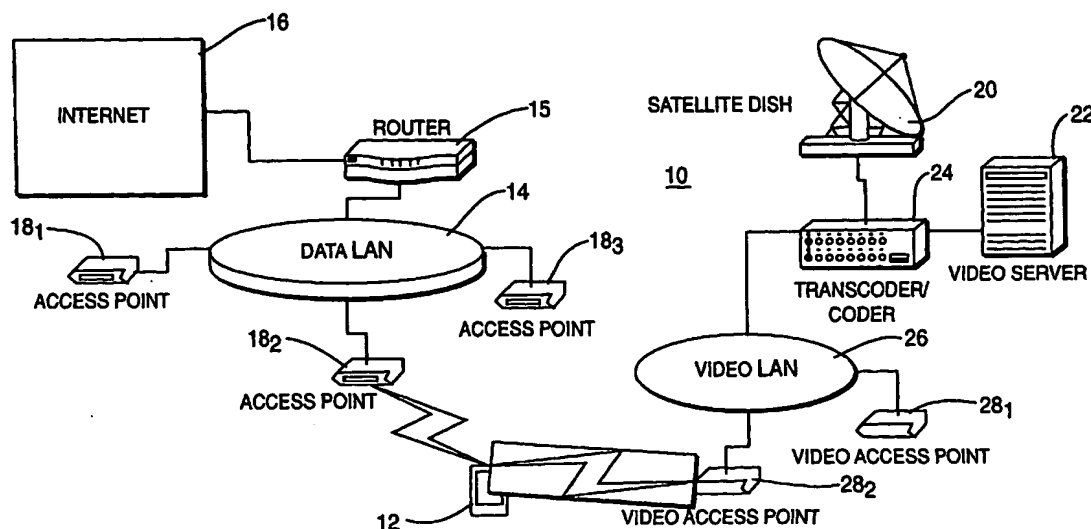
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

[Continued on next page]

(54) Title: **TECHNIQUE FOR VIDEO BROADCASTING IN A WIRELESS LAN**



(57) Abstract: A wireless Local Area Network (10) provides data service through a data LAN (14) and also provides video broadcast service through a video LAN (26). A wireless LAN subscriber accesses the video LAN through one of a plurality of Video Access Points (VAPs) (281 and 282) that broadcast multiple video programs on a channel having a frequency different than the frequency over which the subscriber accesses the data LAN. Each VAP maintains the video channel in a one-way broadcast-only mode to prevent a wireless LAN subscriber from seeking to uplink information on that channel. In this way, the wireless LAN can employ a common protocol for both data and video transmission, and deliver the video streams at the maximum permissible downlink transmission rate.



---

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*